

## NON-INTRUSIVE TESTING METHOD FOR REAL-TIME SOFTWARE

## ABSTRACT OF THE DISCLOSURE

A method and system for managing data of a debug operation. A  
5 debugging system comprises a reserved memory comprising a plurality of  
portions of reserved memory, a mass memory, and a log management  
component for recording received data of a debug operation in at least one  
portion of the plurality of portions of the reserved memory. The log  
management component may also be configured for copying the data from at  
10 least a partially filled portion of the plurality of portions of the reserved memory  
to the mass memory in response to a drain condition, such that the data is  
copied to the mass memory in a non-intrusive manner.

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